



# CVE-2021-20243

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2021-20243
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-03-09 18:15:00 UTC
<b>Updated</b>	2023-05-22 02:15:00 UTC
<b>Description</b>	A flaw was found in ImageMagick in MagickCore/resize.c. An attacker who submits a crafted file that is processed by ImageMagick can cause a denial of service (DoS) by crashing the application.

## Risk And Classification

**Problem Types:** CWE-369

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Application	<a href="#">Imagemagick</a>	<a href="#">Imagemagick</a>	All	All	All	All
Application	<a href="#">Imagemagick</a>	<a href="#">Imagemagick</a>	All	All	All	All

## References

### Reference

[SECURITY] [DLA 3429-1] imagemagick security update

uses the PerceptibleReciprocal() to prevent the divide-by-zero from o... by hifoolno · Pull Request #3193 · ImageMagick/ImageMagick · GitHub

[SECURITY] [DLA 2672-1] imagemagick security update

1928958 – (CVE-2021-20243) CVE-2021-20243 ImageMagick: Division by zero in GetResizeFilterWeight in MagickCore/resize.c

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[178654](#) Debian Security Update for imagemagick (DLA 2672-1)

<a href="#">181795</a> Debian Security Update for imagemagick (DLA 3429-1)
<a href="#">182379</a> Debian Security Update for imagemagick (CVE-2021-20243)
<a href="#">199045</a> Ubuntu Security Notification for ImageMagick Vulnerabilities (USN-5736-1)
<a href="#">199524</a> Ubuntu Security Notification for ImageMagick Vulnerabilities (USN-6200-1)
<a href="#">296060</a> Oracle Solaris 11.4 Support Repository Update (SRU) 37.0.1.101.1 Missing (CPUJUL2021)
<a href="#">501583</a> Alpine Linux Security Update for imagemagick
<a href="#">501868</a> Alpine Linux Security Update for imagemagick
<a href="#">671560</a> EulerOS Security Update for ImageMagick (EulerOS-SA-2022-1536)
<a href="#">671612</a> EulerOS Security Update for ImageMagick (EulerOS-SA-2022-1570)
<a href="#">671705</a> EulerOS Security Update for ImageMagick (EulerOS-SA-2022-1731)
<a href="#">690139</a> Free Berkeley Software Distribution (FreeBSD) Security Update for imagemagick7 (a7c60af1-b3f1-11eb-a5f7-a0f3c100ae18)
<a href="#">750331</a> OpenSUSE Security Update for ImageMagick (openSUSE-SU-2021:0377-1)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status** [status.cve.report](#)